



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>CALCIUM CHLORIDE DIHYDRATE 99.5% MOLECULAR BIOLOGY</b>
<b>Cas No.</b>	<b>10035-04-8</b>
<b>Code No.</b>	<b>B-00638</b>
<b>Batch No.</b>	<b>BC01251319</b>
<b>Mfg.Date</b>	<b>JAN-2024</b>
<b>Date of Analysis</b>	<b>30/01/2025</b>
<b>Retest Date</b>	<b>DEC-2030</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
Assay (titration)	Min 99.5%	100.34%
Solubility (20°C)	1000 g/l (H <sub>2</sub> O)	Passes test
Melting point	175°C	175°C
DNAase/RNAase/Proteases	Not detectable	Not detectable
Fluoride (F)	Max 0.005%	< 0.005%
Sulphate (SO <sub>4</sub> )	Max 0.005%	0.0079%
Aluminium (Al)	Max 0.0001%	0.000053%
Arsenic (As)	Max 0.0001%	< 0.0001%
Copper (Cu)	Max 0.0005%	0.000161%
Iron (Fe)	Max 0.001%	0.00017%
Lead (Pb)	Max 0.0005%	0.00017%
Zinc (Zn)	Max 0.0005%	0.00026%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)